

Eurofins | Anatech
Mrs. Ananda SILVA
Rua Bittencourt Sampaio, 105
Vila Mariana
04126-060 São Paulo/SP

Bruz, 20/02/2019

Test report

Dear Madam,

Please find below your test report corresponding to your samples sent for radiological analysis, as received in our laboratory on 31/12/2018.

We would like to thank you for your confidence and, if you need any further information, please, do not hesitate to contact us.

Yours sincerely,



Patrice Letessier
Managing Director



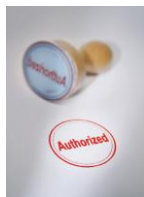
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Eichrom Laboratories is agreed by French Ministry of Health for the radioactive measurements of drinking water and French Nuclear Safety Authority (ASN) for radioactivity analyses on environmental matrices.

+33 (0)2 23 50 13 80

eichromlab@eichromlab.com - www.eichromlab.com



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Rua Bittencourt Sampaio, 105
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Brésil

TEST REPORT N° 19-00311-02239

This test report only deals with the tests performed on the samples received

| | |
|-----------------------------------|---|
| Customer ID : ICO017 - Order N° : | Sampling date : 20/12/2018 |
| Sample reference : 1915363 | Sampling location : Rio de Janeiro - Brasil |
| Matrix : EFFLUENT / Effluent | |
| Date of delivery : 31/12/2018 | |

| Parameter | Reference method | Unit | Result | Incertainty (k=2) | Detection Limit (LD) | Date of preparation | Date of measurement | COFRAC |
|-----------|------------------|--------------------|--------|-------------------|----------------------|---------------------|---------------------|--------|
| Ra-226 | NF EN ISO 10703 | Bq.L ⁻¹ | < LD | | 3 | 22/01/2019 | 31/01/2019 | YES |
| Ra-228 | | Bq.L ⁻¹ | < LD | | 0,8 | 22/01/2019 | 31/01/2019 | YES |

Remarks :

Activities, uncertainties and detection limits are calculated from the date of sampling for gamma spectrometry analysis (NF ISO 18589-3).

Radium228 is deduced from its progenies Actinium228.



Accreditation n°1-6490
Full scope available on
www.cofrac.fr

The accreditation by COFRAC is attesting the competence of the laboratory only for tests covered by the accreditation, as indicated by the mention "YES".
The reproduction of this test report is only authorised in form of an integral facsimile.

Bruz, on 20/02/2019

Benoît DANIEL
Technical Manager

+33 (0)2 23 50 13 80

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